

Name: _____

Date: _____

FOIL and Factor pop quiz (version 20)

FOIL the expressions shown below:

1. $(x + 2)(x - 4)$

$$x^2 - 2x - 8$$

2. $(x - 8)(x + 4)$

$$x^2 - 4x - 32$$

3. $(x - 7)(x - 1)$

$$x^2 - 8x + 7$$

4. $(x + 5)(x + 4)$

$$x^2 + 9x + 20$$

5. $(x - 1)(x + 8)$

$$x^2 + 7x - 8$$

Factor the expressions shown below:

6. $x^2 - 7x + 10$

$$(x - 5)(x - 2)$$

7. $x^2 - 13x + 40$

$$(x - 5)(x - 8)$$

8. $x^2 + 2x - 8$

$$(x + 4)(x - 2)$$

9. $x^2 + 6x - 7$

$$(x + 7)(x - 1)$$

10. $x^2 - 4x - 5$

$$(x + 1)(x - 5)$$